



FEMA



Prepared by
Jennifer McNatt

FEMA Region 6 Weather Threat Briefing

Friday September 11, 2020

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh



- **Isolated heavy rain/flash flooding possible near the TX coast on Sunday, and over the Rio Grande Valley, TX Coast and SE LA early next week.**
- **Several tropical areas to keep an eye on:**
 - **Near term:**
 - Low pressure over the north-central Gulf will move westward and then southwestward over the northern and western Gulf of Mexico through early next week; while some slow development is possible, the biggest impact will be the heavy rain threat along the TX Coast.
 - Low pressure moving over FL today into the eastern Gulf over the weekend could develop into a tropical depression early next week; biggest impact will be the heavy rain threat along the Gulf Coast next week.
 - **Long term: two tropical waves moving off the Africa Coast will be moving across the Atlantic next week; too early to determine any impacts to Region 6.**

FEMA Region 6 Threat Matrix

Sep 11, 2020 - Sep 15, 2020



SR ROC
REGIONAL OPERATIONS CENTER

DAY / THREAT	Fri	Sat	Sun	Mon	Tue
Severe Storms					
Heavy Rain / Flash Flooding			TX Coast	Rio Grande Valley, TX Coast, SE LA	Rio Grande Valley, TX Coast, SE LA
Fire Weather					
Tropical Winds / Surge					
Winter Weather					
River Flooding	TX, OK, NE AR	OK, NE AR	NE AR	NE AR	NE AR

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.

Tropical Weather Outlook – Atlantic/Gulf



SR ROC
REGIONAL OPERATIONS CENTER

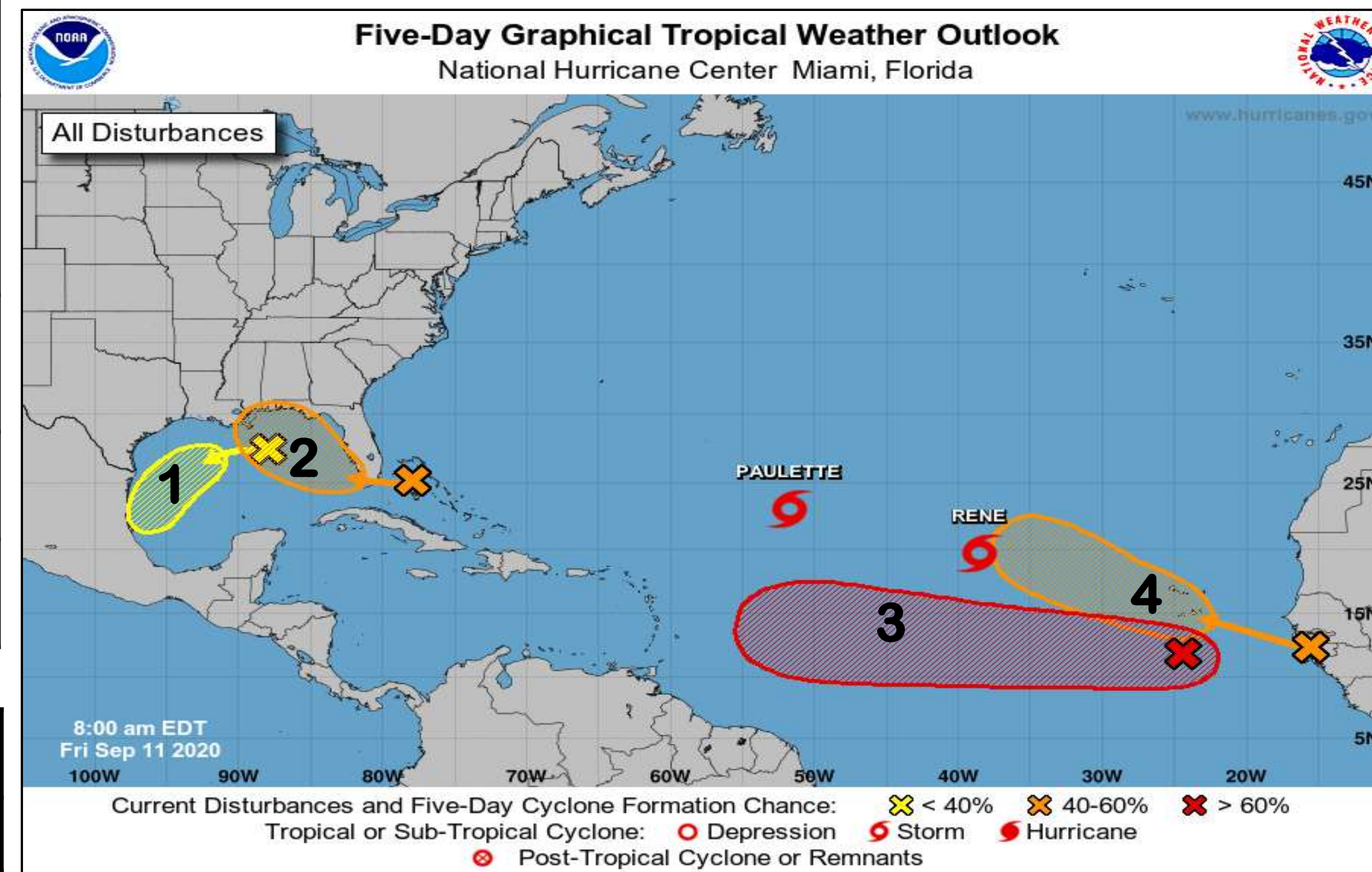
See next slide for more information

Areas of Possible Development

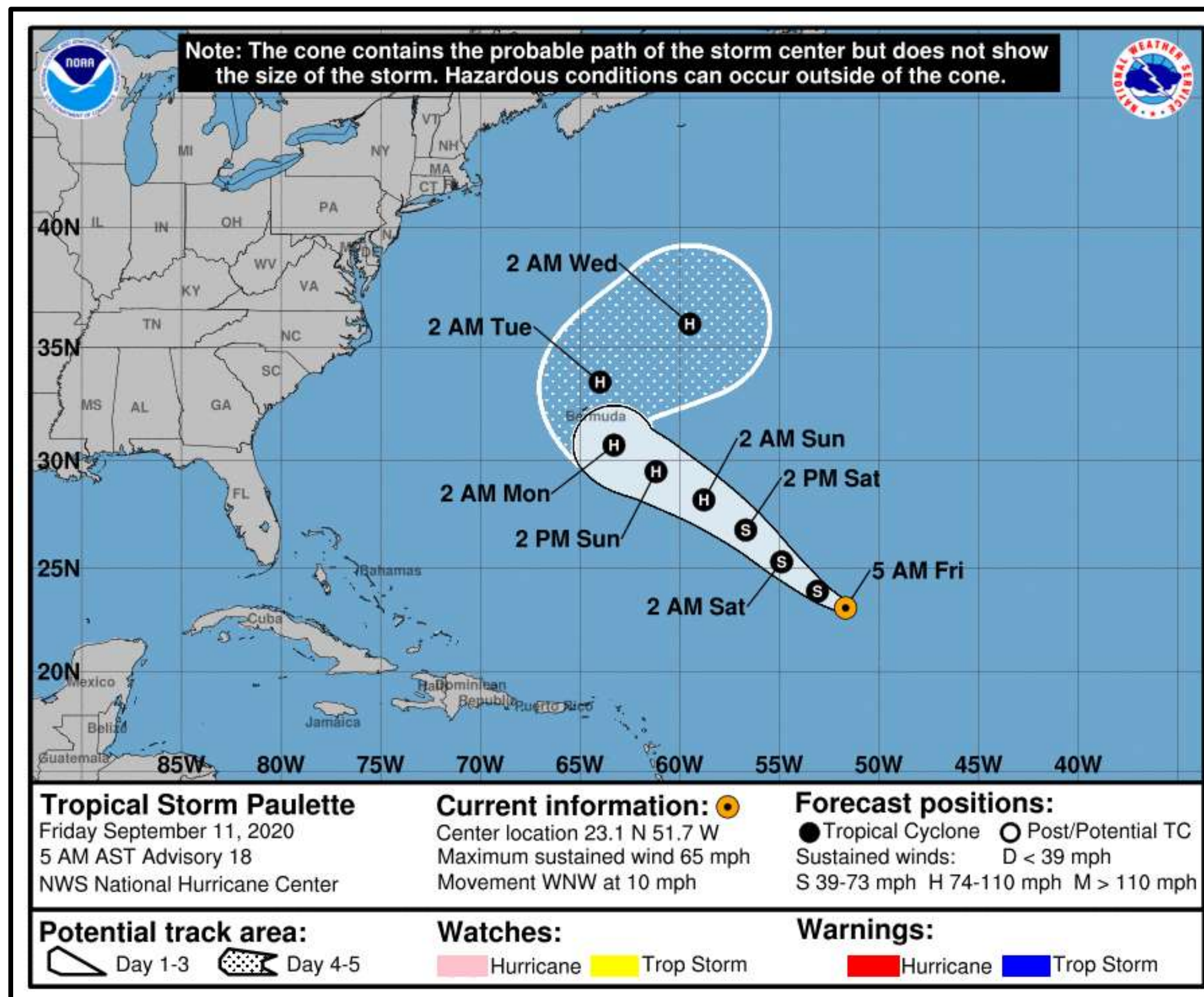
Area	Chance of Development	Potential Impacts to FEMA 6
1	Low	Heavy rain near the TX coast late this weekend/early next week.
2	Medium	Heavy rain over the middle Gulf Coast next week.
3	High	None in the next 5 days.
4	Medium	None in the next 5 days.

Active Tropical Cyclones

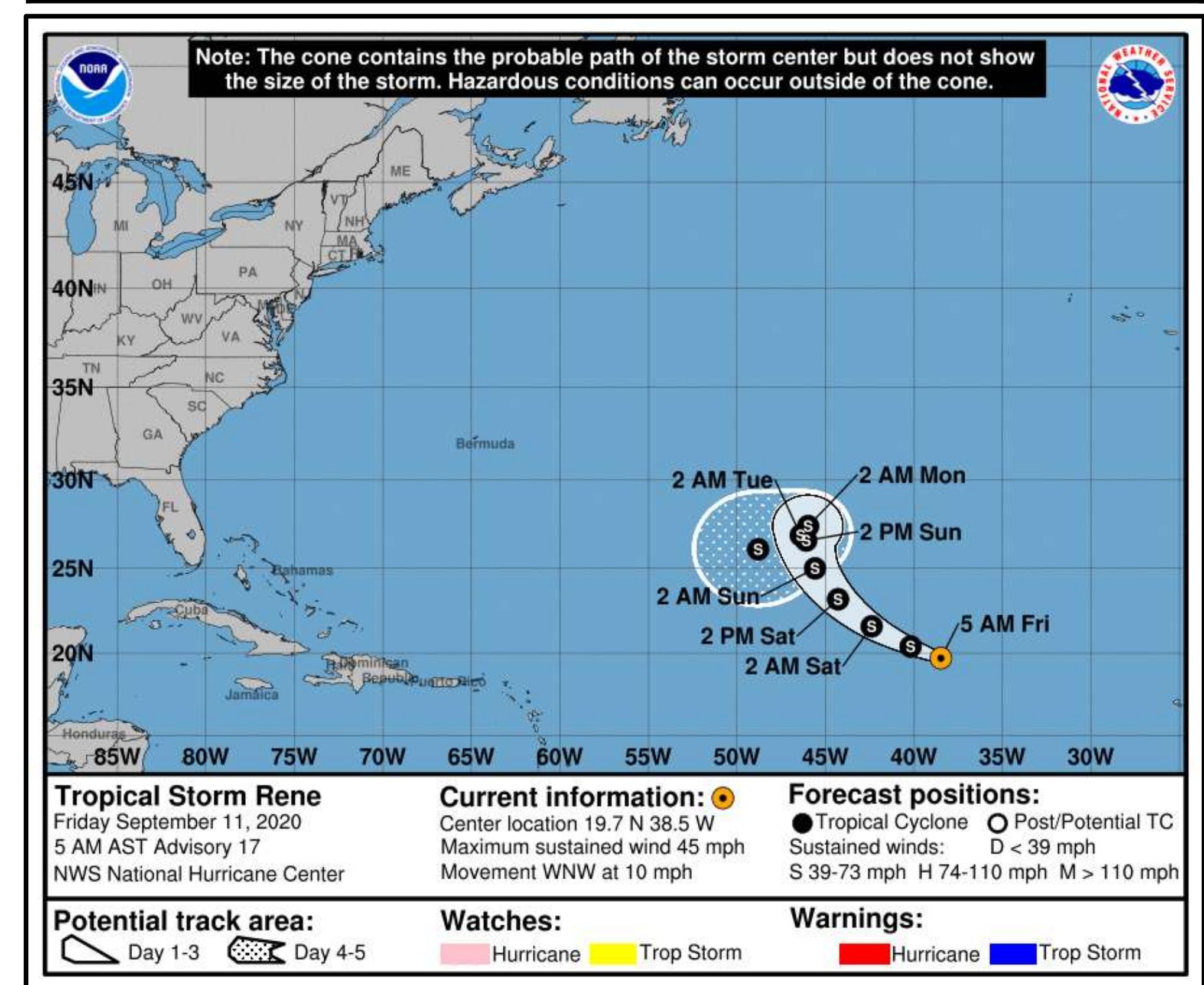
Storm	Potential Impacts to FEMA 6
Paulette	None.
Rene	None.



**Tropical Storm Paulette is expected to become a hurricane this weekend and will continue to move northwest for the next few days.
No impacts to Region 6 expected.**



**Tropical Storm Rene will move west-northwest today, and turn toward the northwest on Saturday.
No impacts to the U.S. are expected.**



5-Day Precipitation Forecast & River Flood Status



SR ROC
REGIONAL OPERATIONS CENTER

Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall

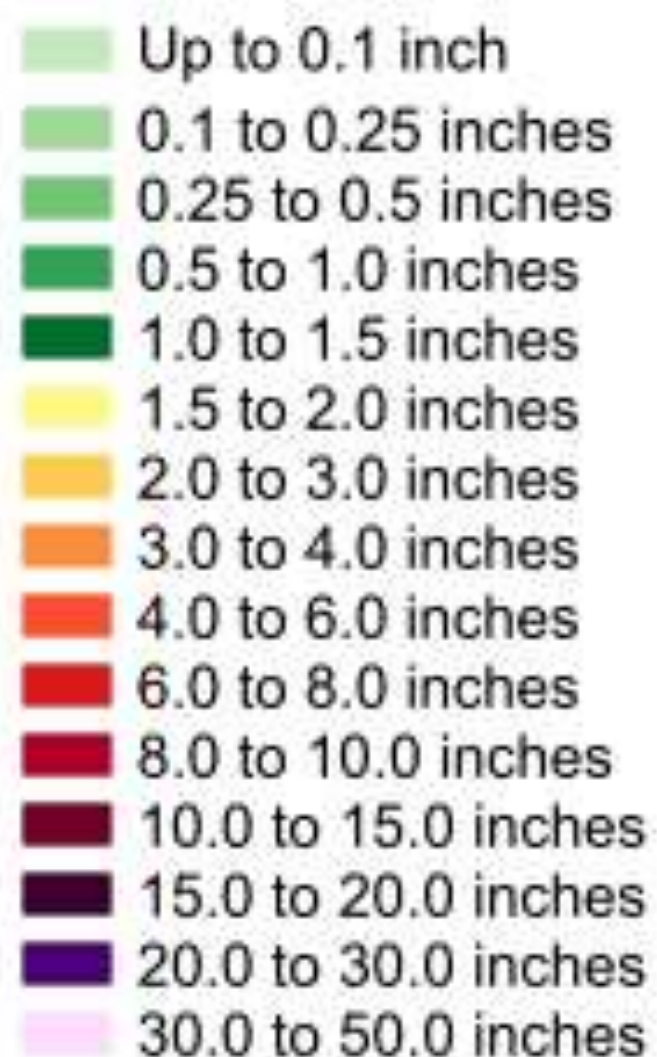
Note: NWS GIS services are down this morning, so the usual rainfall/river flooding map is not available.

Isolated minor river flooding continues in OK, AR and TX. No significant impacts observed.

Rainfall over the next five days may produce additional minor river flooding in S LA.

Eyes will remain close on the Rio Grande River, which has elevated flows, full reservoirs on the Mexico side, and has rainfall forecast over the next five days. Reservoirs on the river (Falcon in particular) have room to absorb some flood waters.

Valid Ending Friday September 18th, 2020 at 7 AM CDT



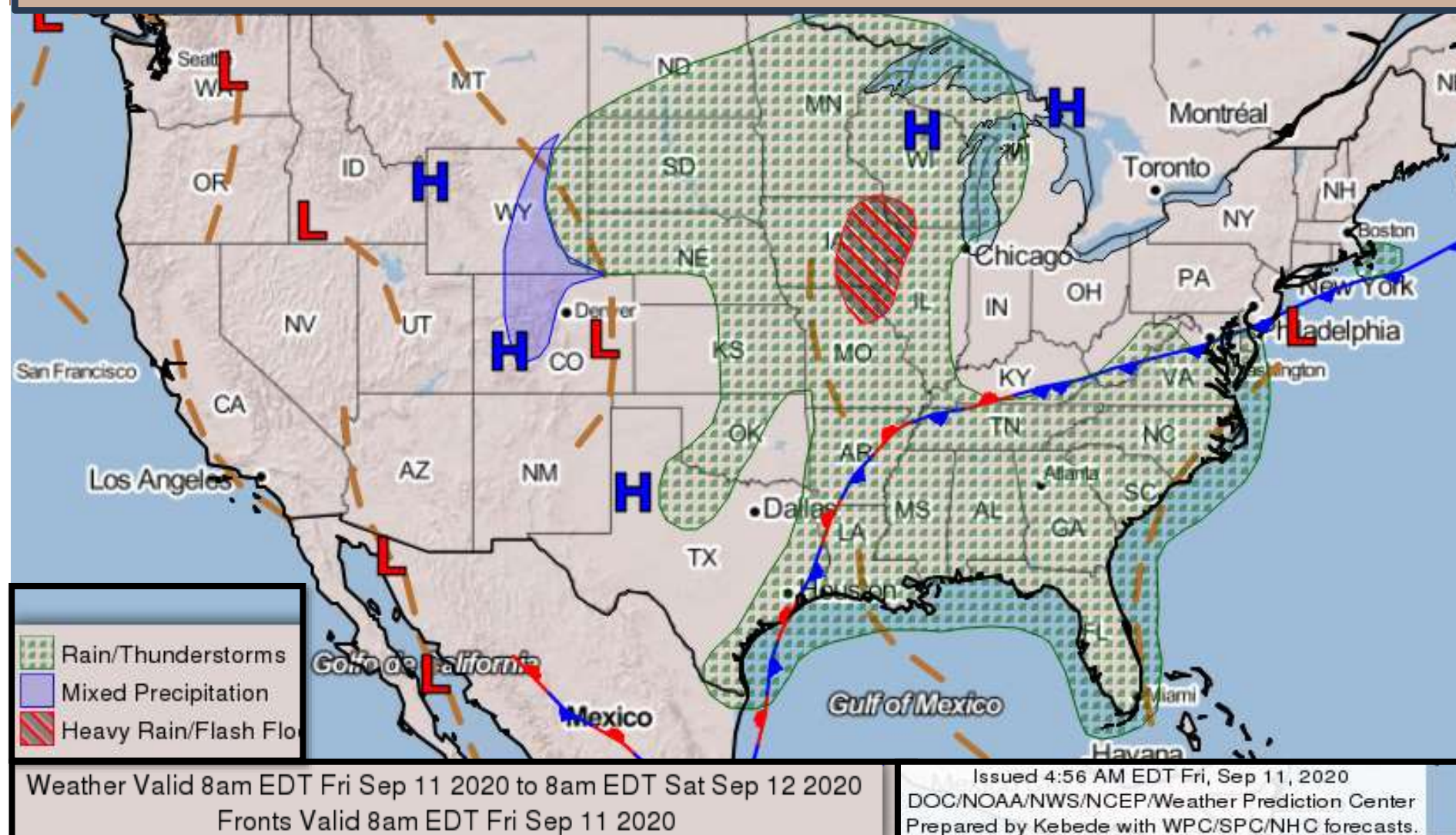
Graphic Created
September 11th, 2020
6:09 AM CDT

Today's Weather

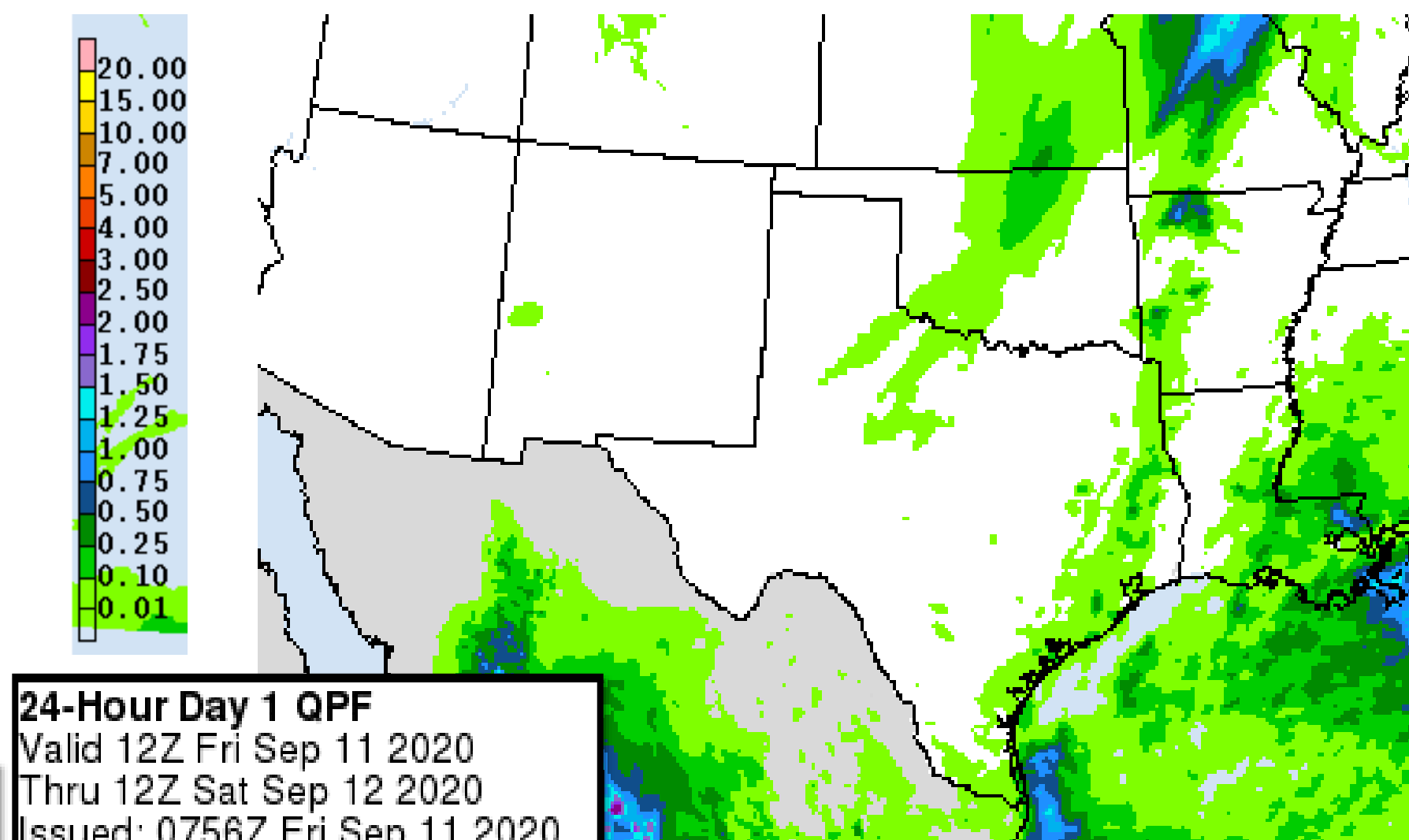


SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart

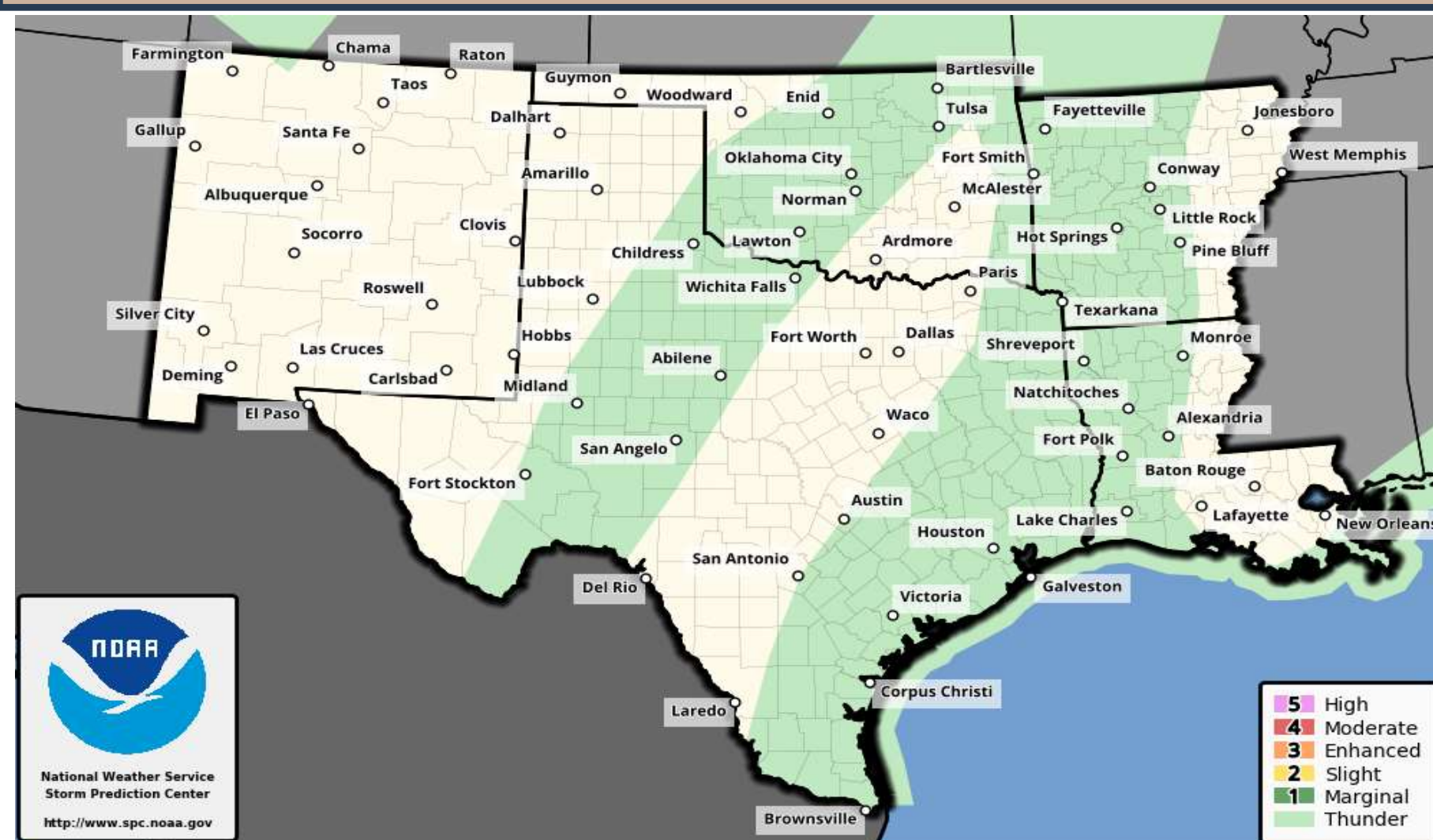


Forecast Rainfall

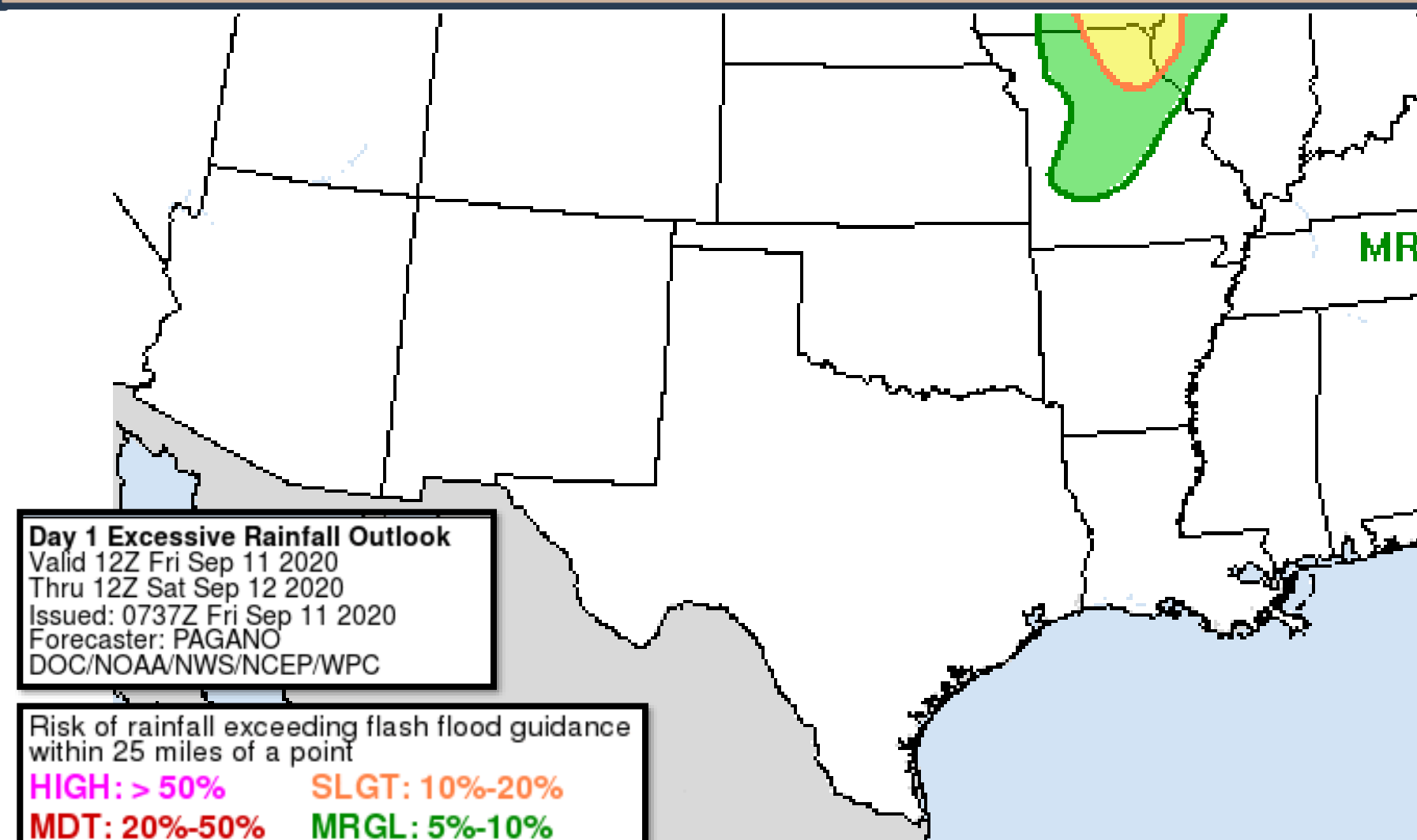


No significant weather expected.

Severe Weather Outlook



Excessive Rainfall Outlook

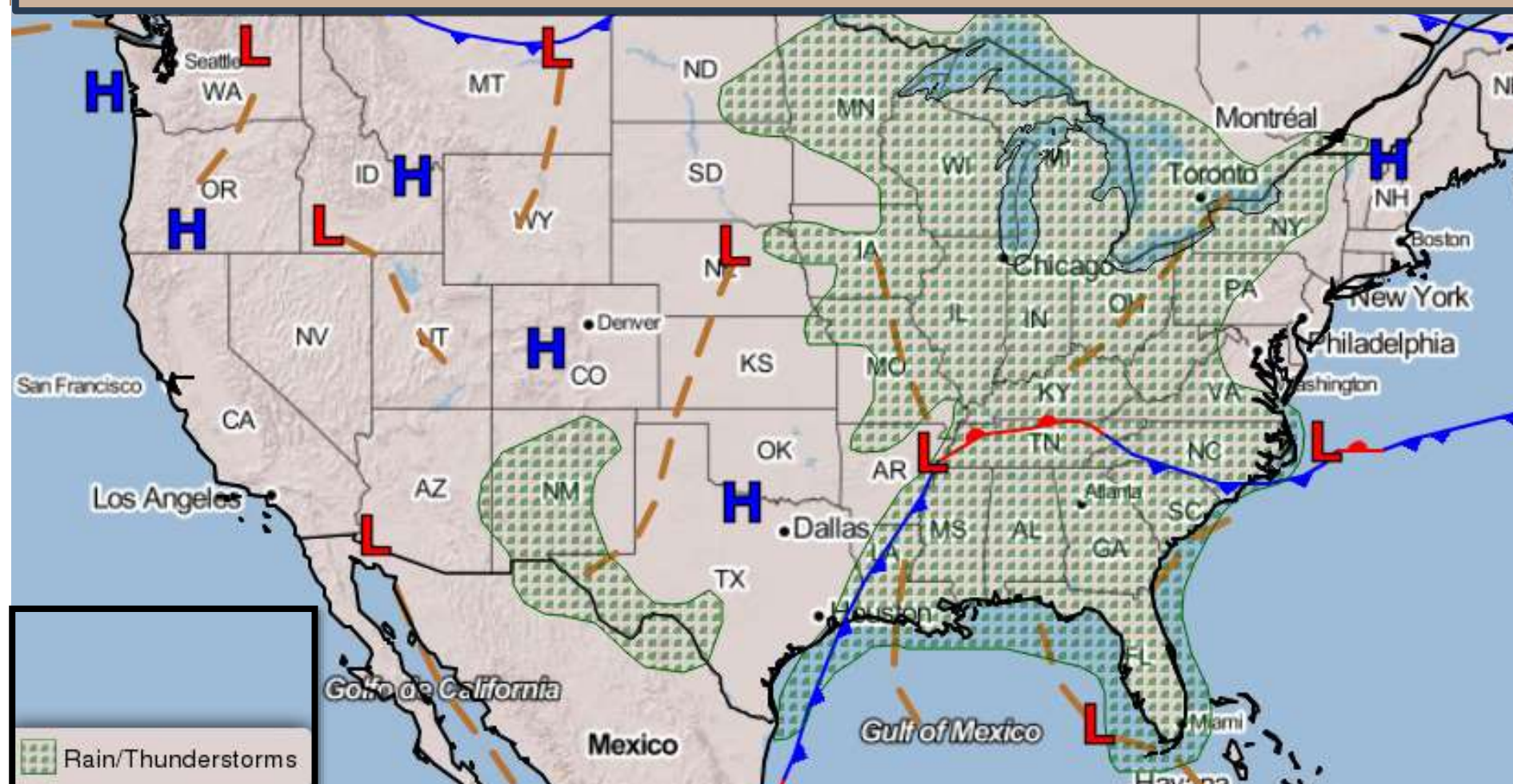


Tomorrow's Weather



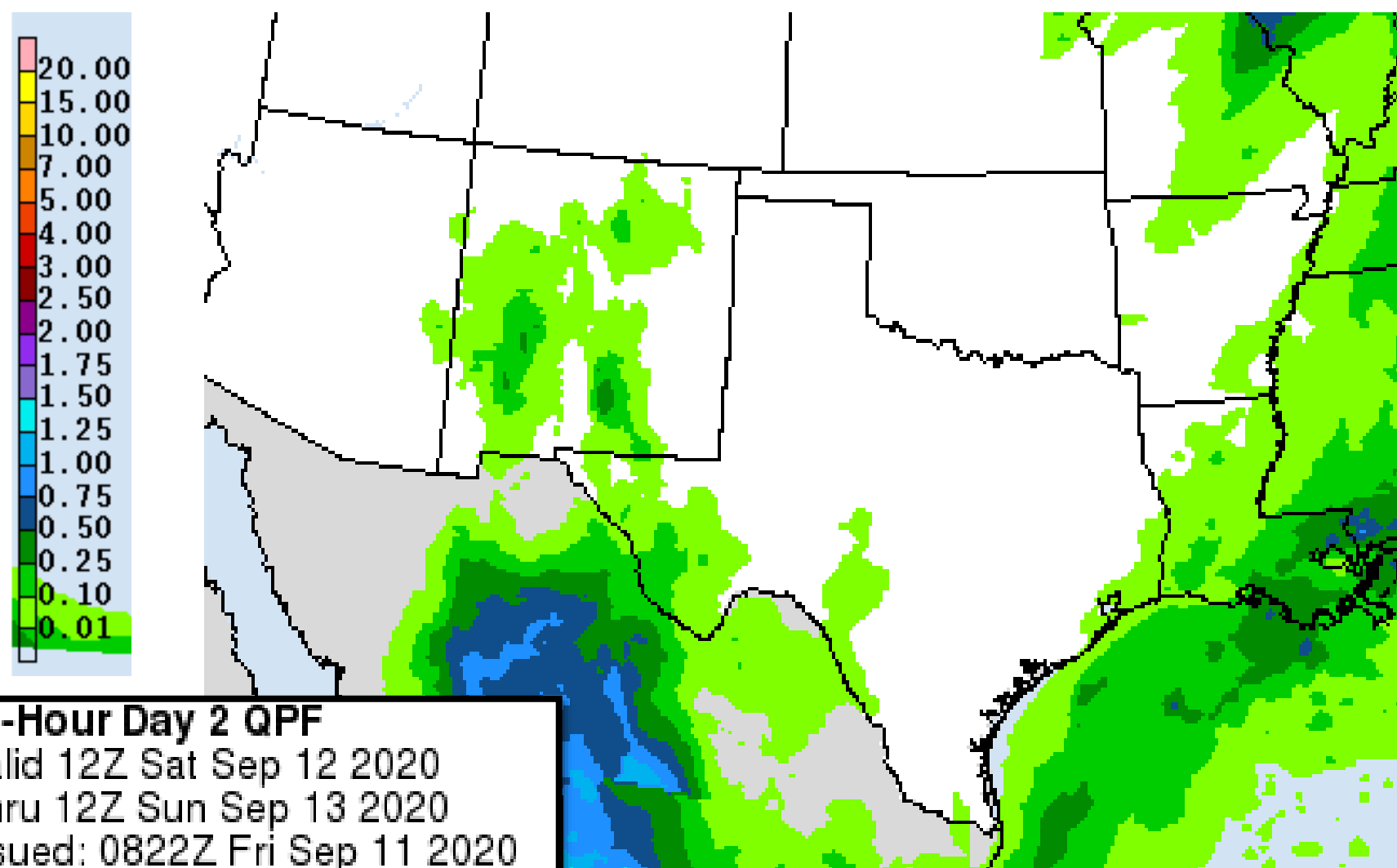
SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart



Weather Valid 8am EDT Sat Sep 12 2020 to 8am EDT Sun Sep 13 2020
Fronts Valid 8am EDT Sat Sep 12 2020
Issued 4:52 AM EDT Fri, Sep 11, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Kebede with WPC/SPC/NHC forecasts.

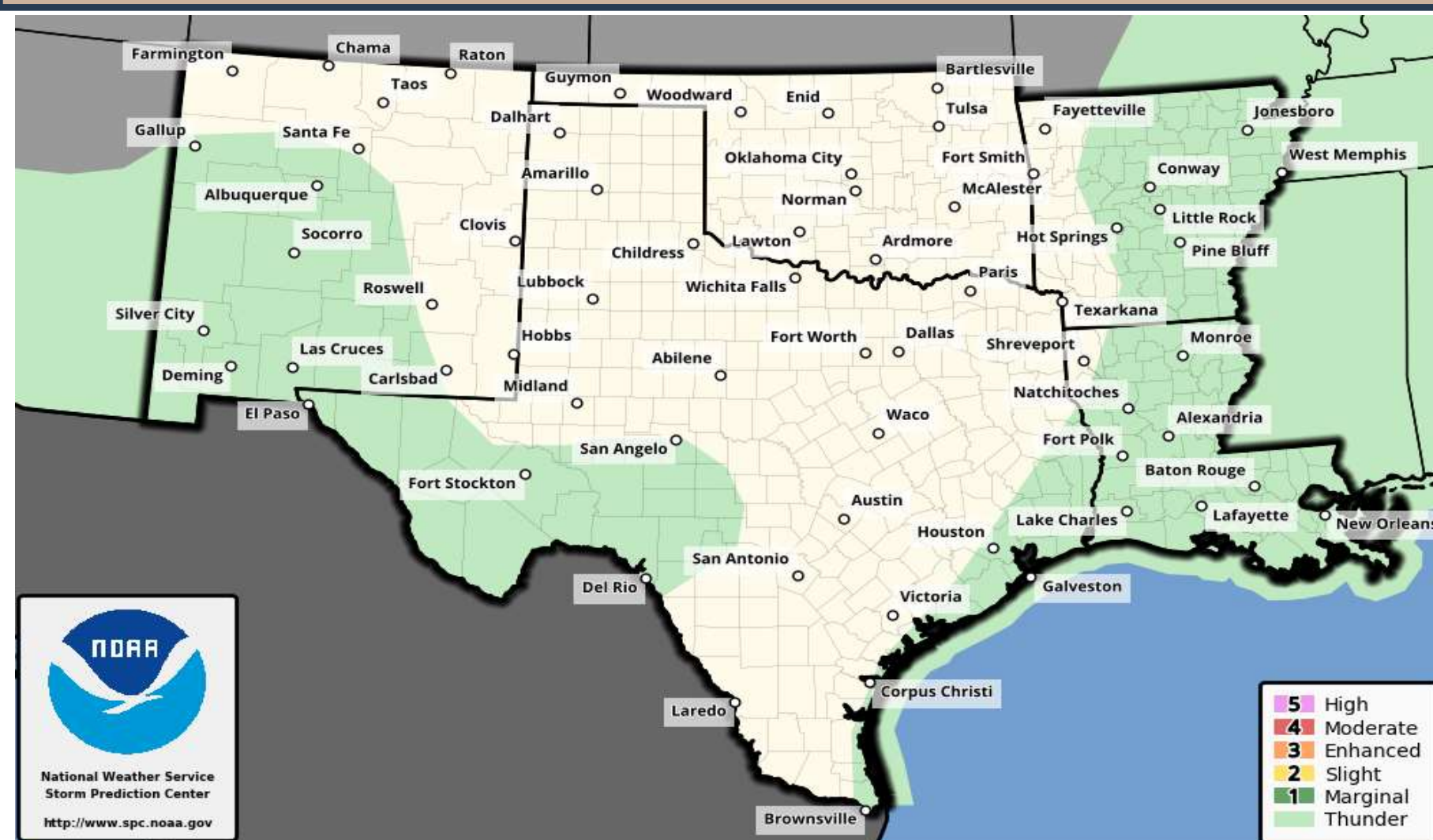
Forecast Rainfall



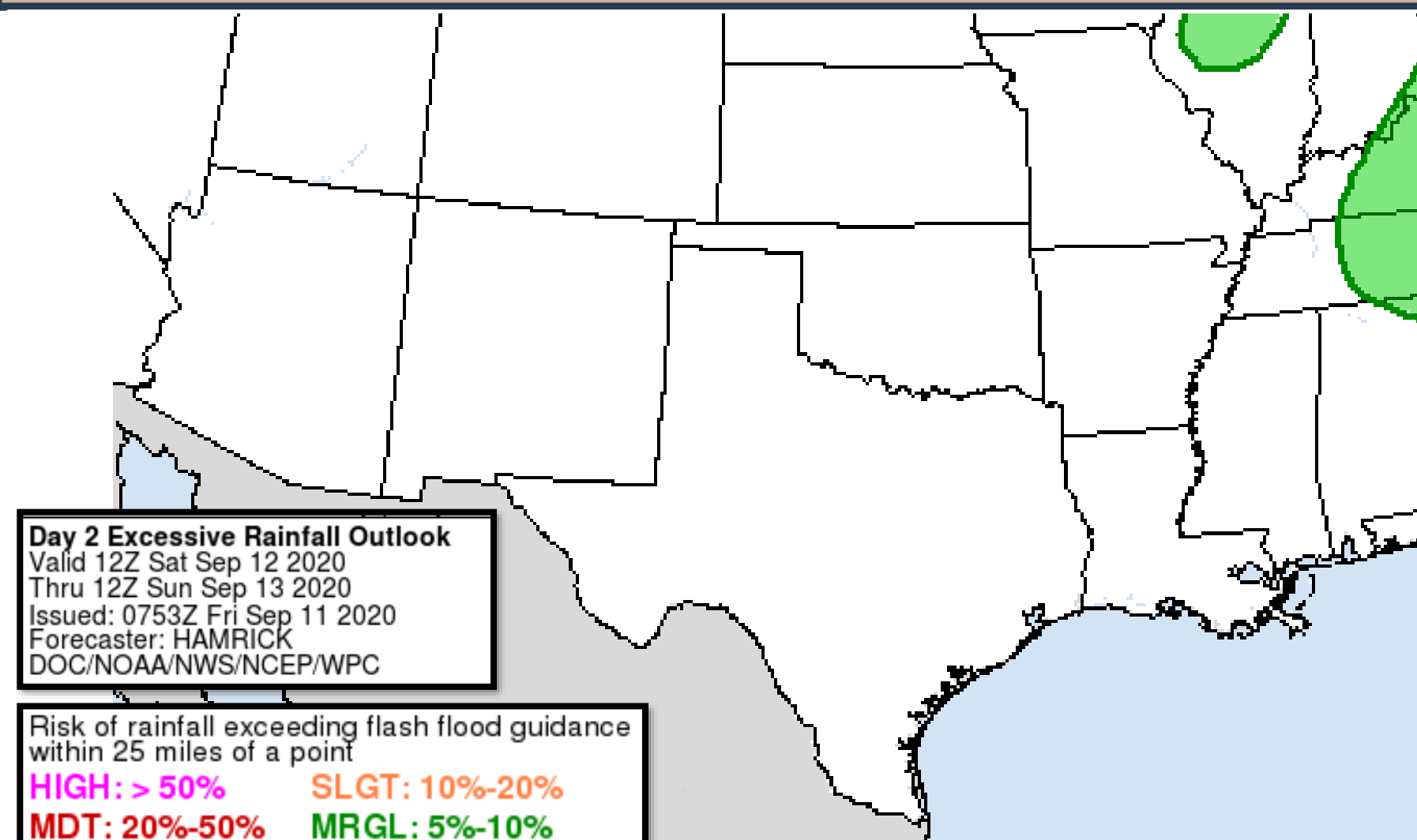
24-Hour Day 2 QPF
Valid 12Z Sat Sep 12 2020
Thru 12Z Sun Sep 13 2020
Issued: 0822Z Fri Sep 11 2020

No significant weather
expected.

Severe Weather Outlook



Excessive Rainfall Outlook



Day 2 Excessive Rainfall Outlook
Valid 12Z Sat Sep 12 2020
Thru 12Z Sun Sep 13 2020
Issued: 0753Z Fri Sep 11 2020
Forecaster: HAMRICK
DOC/NOAA/NWS/NCEP/WPC

Risk of rainfall exceeding flash flood guidance
within 25 miles of a point
HIGH: > 50% SLGT: 10%-20%
MDT: 20%-50% MRGL: 5%-10%

Sunday's Weather

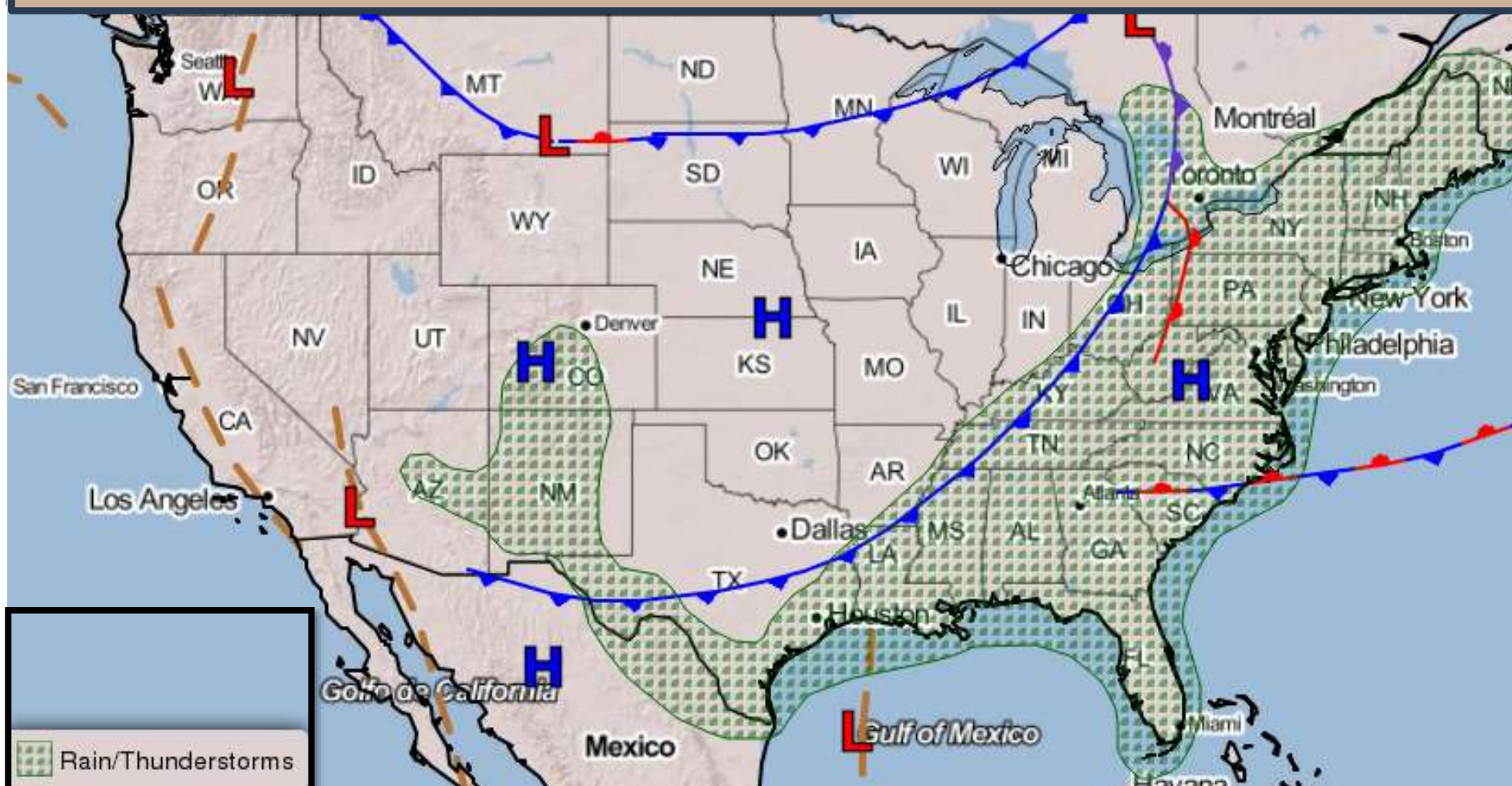


SR ROC
REGIONAL OPERATIONS CENTER

Forecast Chart

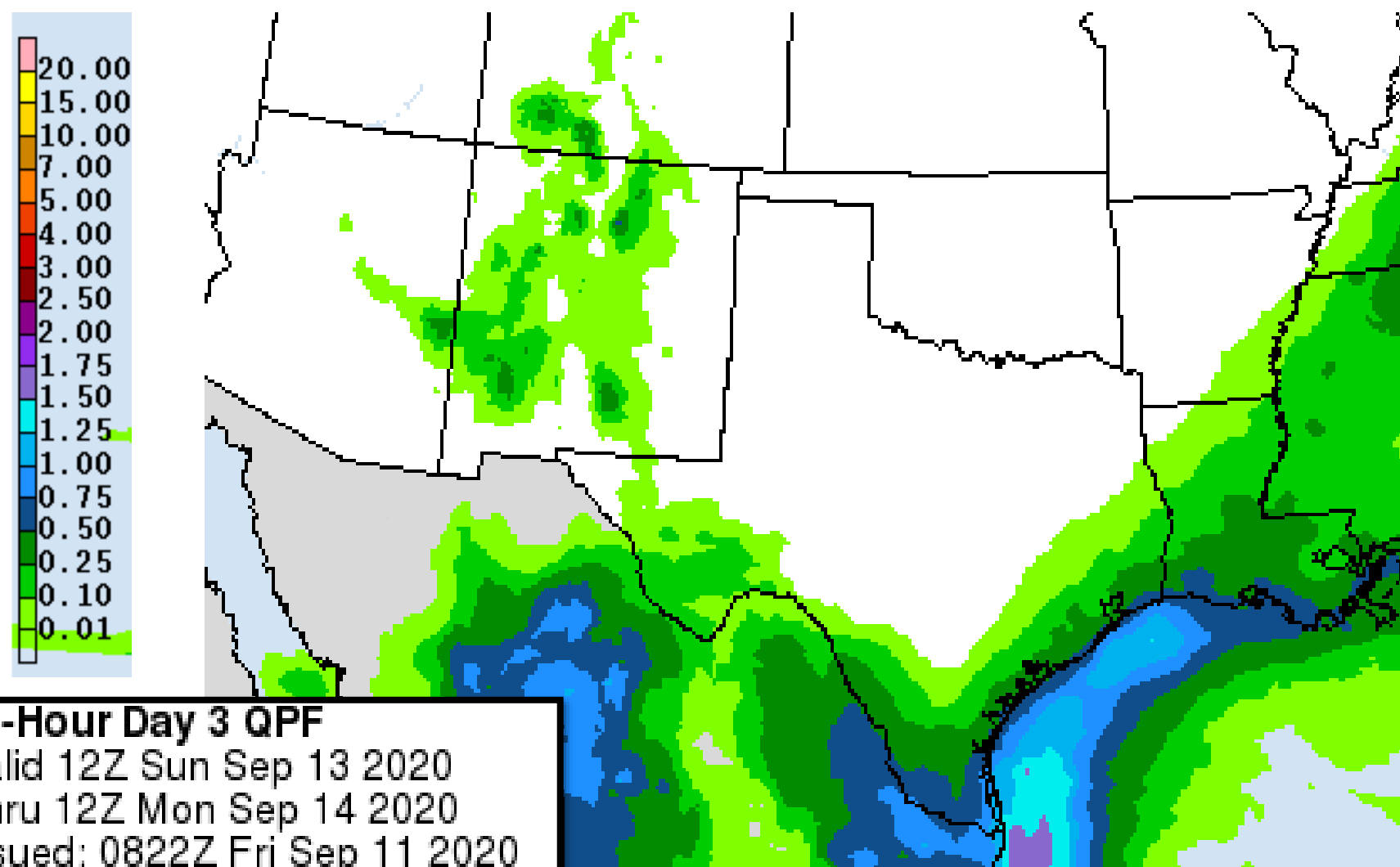
Forecast Rainfall

May see some isolated heavy rain along the immediate coast of Texas.



Weather Valid 8am EDT Sun Sep 13 2020 to 8am EDT Mon Sep 14 2020
Fronts Valid 8am EDT Sun Sep 13 2020

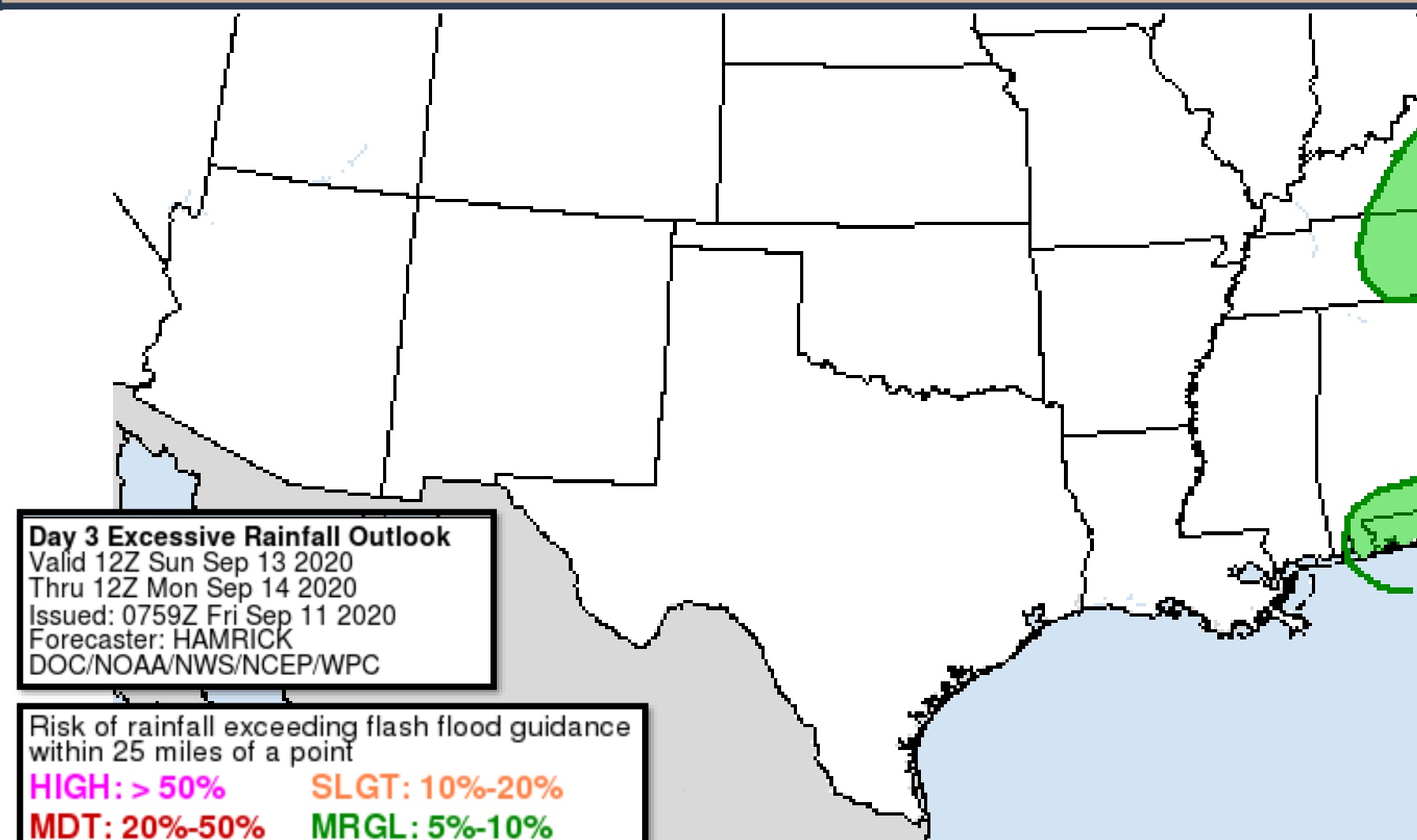
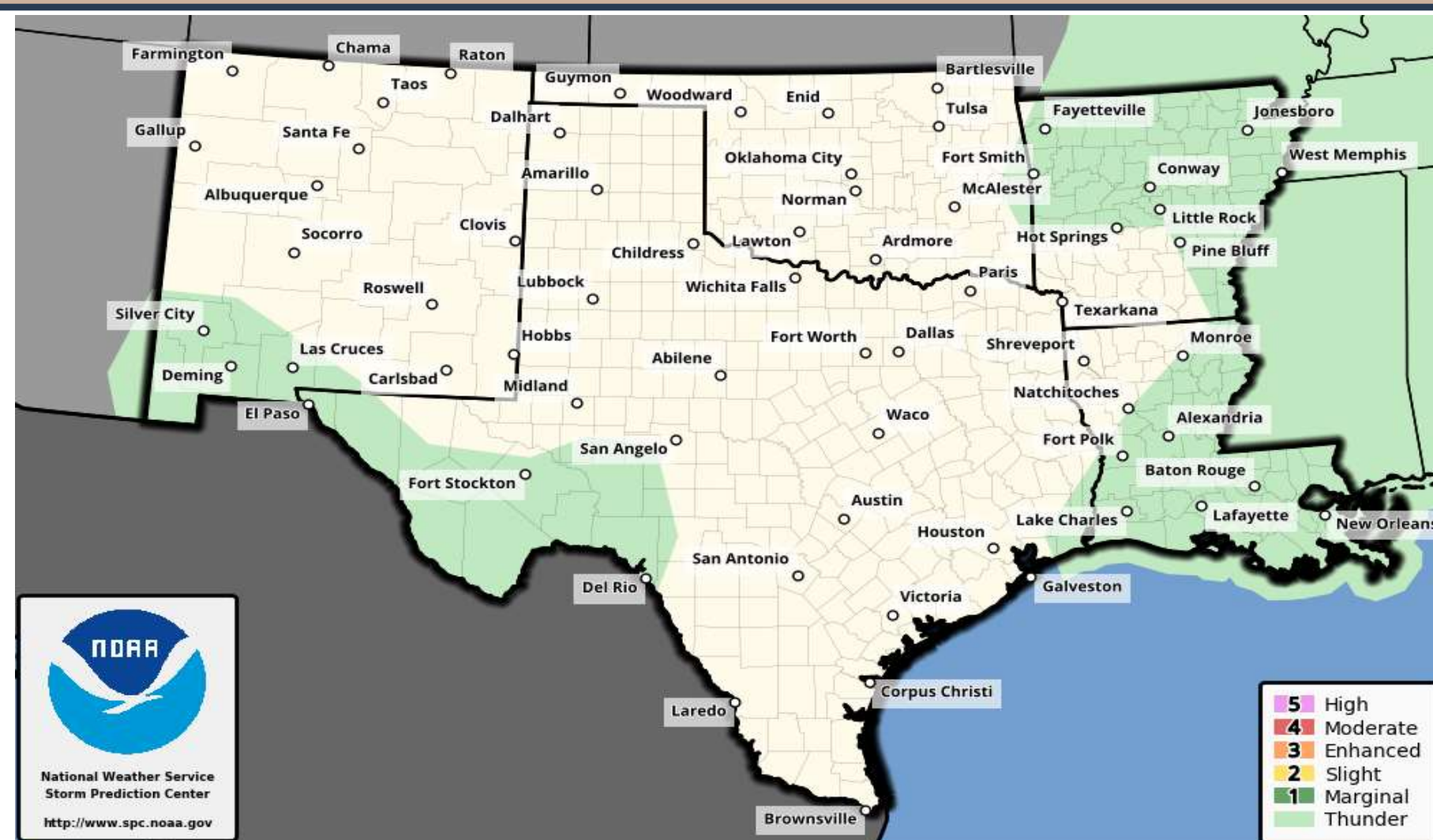
Issued 4:53 AM EDT Fri, Sep 11, 2020
DOC/NOAA/NWS/NCEP/Weather Prediction Center
Prepared by Kebede with WPC/SPC/NHC forecasts.



24-Hour Day 3 QPF
Valid 12Z Sun Sep 13 2020
Thru 12Z Mon Sep 14 2020
Issued: 0822Z Fri Sep 11 2020

Severe Weather Outlook

Excessive Rainfall Outlook



Day 3 Excessive Rainfall Outlook
Valid 12Z Sun Sep 13 2020
Thru 12Z Mon Sep 14 2020
Issued: 0759Z Fri Sep 11 2020
Forecaster: HAMRICK
DOC/NOAA/NWS/NCEP/WPC

Risk of rainfall exceeding flash flood guidance within 25 miles of a point
HIGH: > 50% SLGT: 10%-20%
MDT: 20%-50% MRGL: 5%-10%

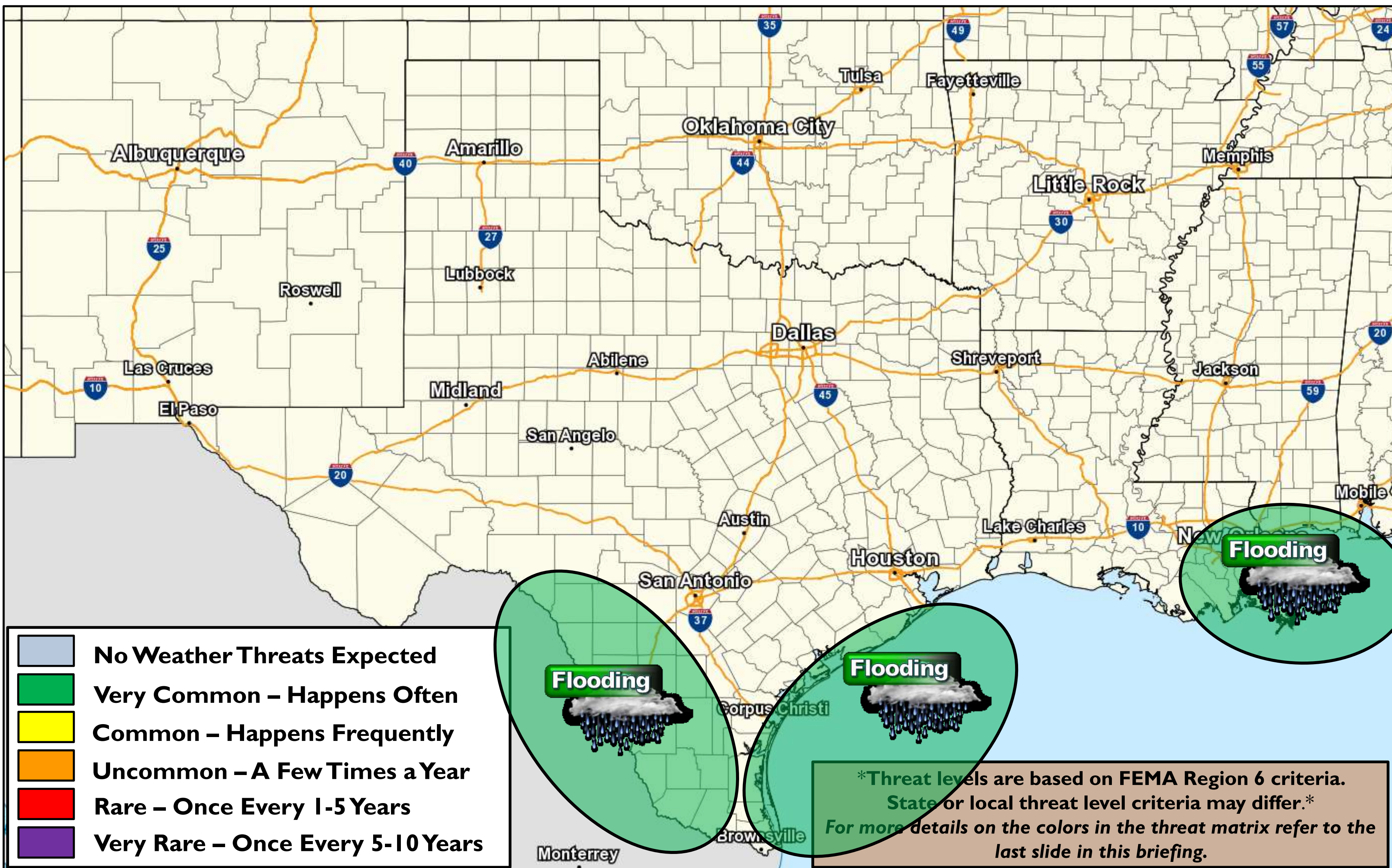
Days 4-5 Weather Hazards

Monday - Tuesday



SR ROC
REGIONAL OPERATIONS CENTER

May see some isolated heavy rain/flash flooding in these three area early next week.



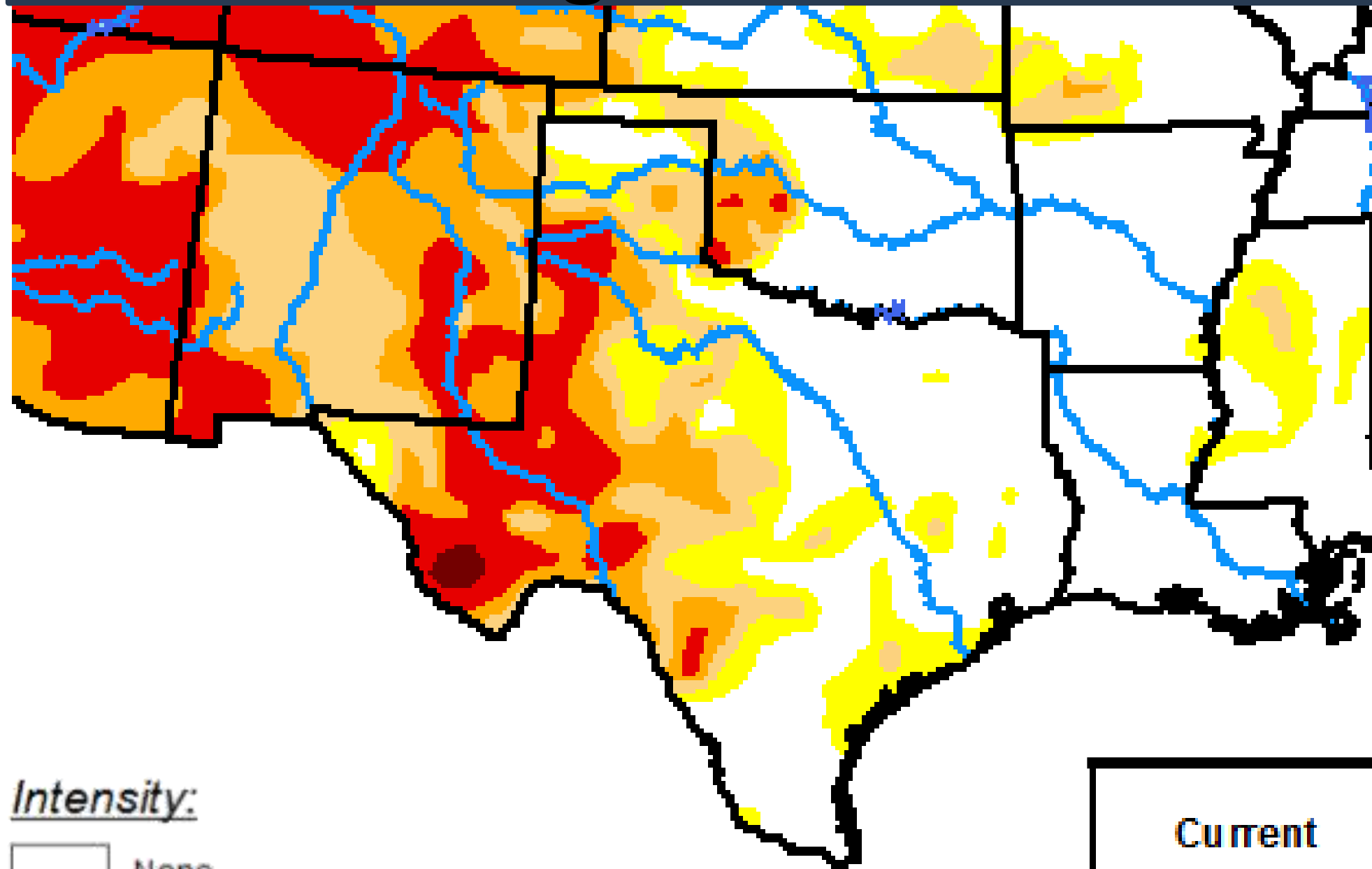
Drought Monitor (Released Sep 10, 2020)



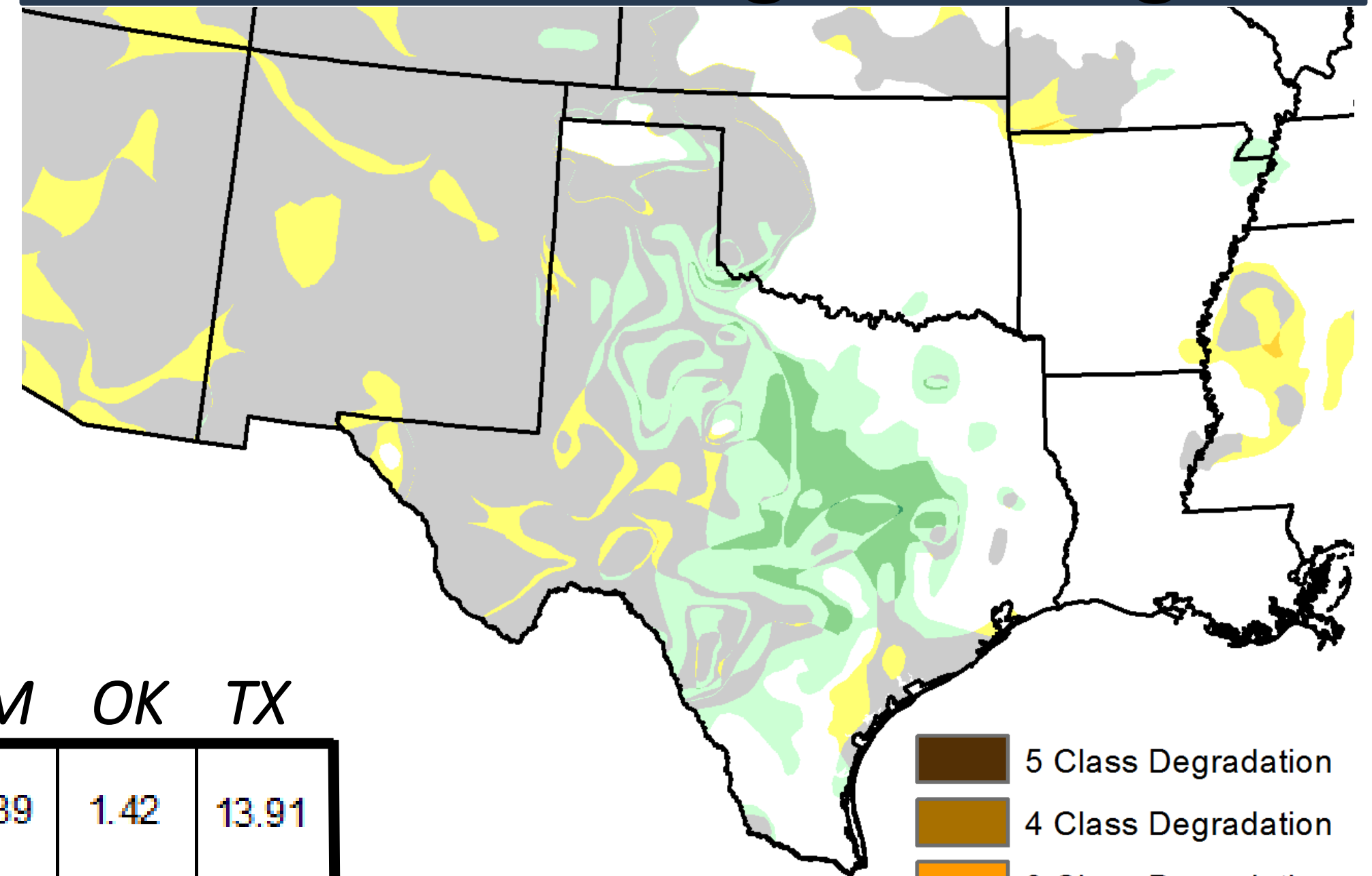
SR ROC
REGIONAL OPERATIONS CENTER

Data valid as of 8 am ET on Tuesday, September 8, 2020

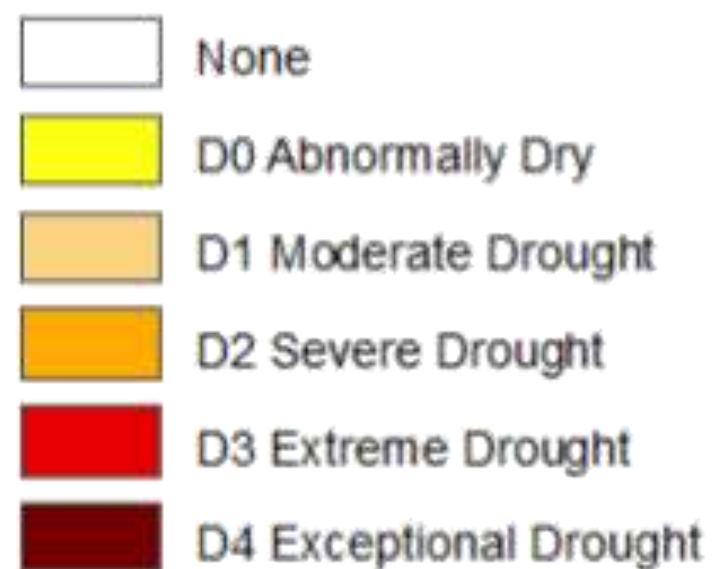
Drought Monitor



One Week Change in Drought



Intensity:

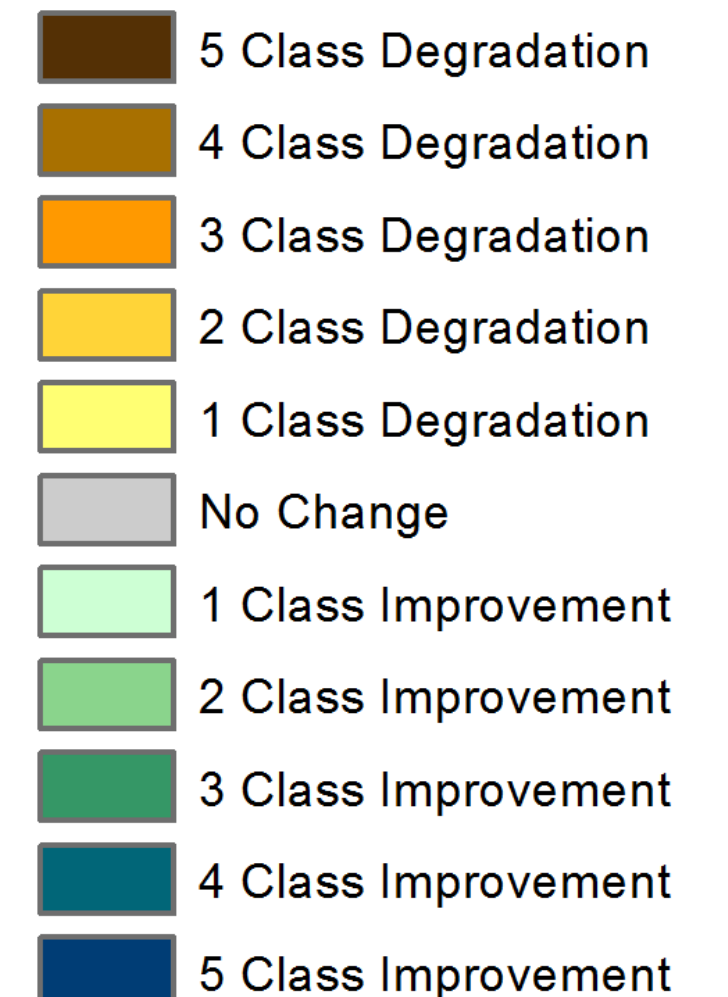


The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

	AR	LA	NM	OK	TX
Current	0.00	0.00	32.39	1.42	13.91
Last Week 09-01-2020	0.00	0.00	29.33	1.66	13.09
3 Months Ago 06-09-2020	0.00	0.00	8.91	3.92	0.58
One Year Ago 09-10-2019	0.00	0.00	0.00	2.82	2.76

Drought Conditions (Percent Area)

D3-D4 (Extreme to Exceptional Drought)

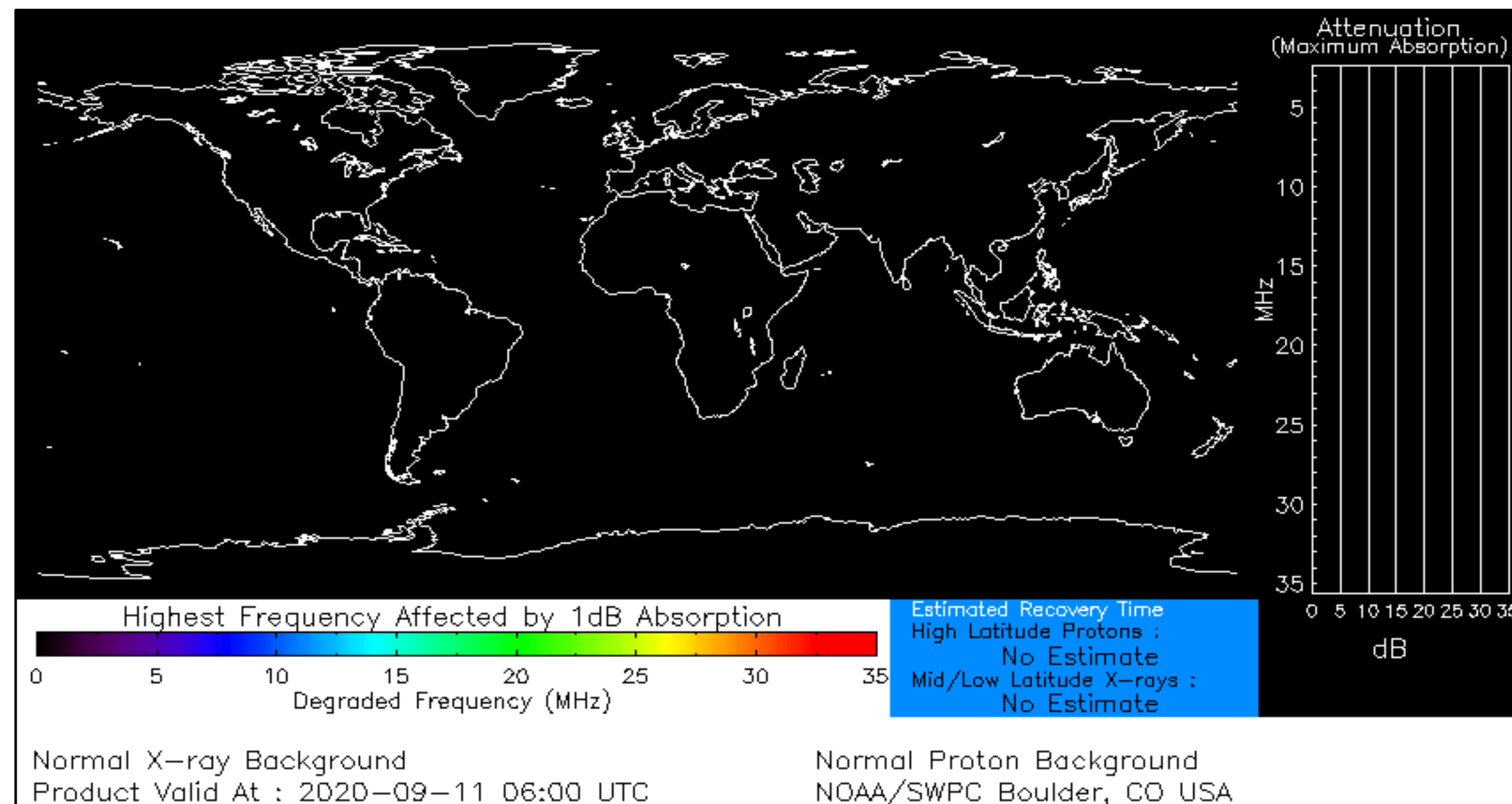


Space Weather 3-Day Forecast



SR ROC
REGIONAL OPERATIONS CENTER

	Friday	Saturday	Sunday
Geomagnetic Storms	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov